



ENTERPRISE ELEMENTS

INSTALLATION GUIDE

Installation prerequisites

- Server requirements
 - Minimum 2GHz CPU
 - Minimum 2GB RAM
 - Minimum 5GB disk space for the Oracle data files
 - Minimum 1GB disk space for the Elements application files
 - Disk space requirements in the production environment vary considerably based on expected usage
- Existing installation of Oracle Enterprise (9i or 10g or 11g)
 - Must be installed according to the Elements guidelines (please refer to EE_Oracle_9i_Database_Creation.pdf or EE_Oracle_10g_Database_Creation.pdf)
 - Oracle 9i must be at least version 9.2.0.7
 - Oracle 10g must be at least version 10.2.0.3
 - Oracle 11g must be at least version 11.1.0.6
 - You must know the SYS password and SID of the database you intend to use
- Oracle Client
 - If the Elements application will be installed on a server separate from that of the Oracle database, then the Oracle Client must be patched to the same level as the Oracle database.
 - Unless Oracle has provided a Client-specific update, the same patch utility can be used for the Client as is used for the Server.
- OJDBC14.JAR file
 - This file is installed with the Oracle Client in \$ORACLE_HOME\jdbc\lib and must be present in both the \$ELEMENTS_HOME\common\lib and \$ELEMENTS_HOME\webapps\ee directories.
 - The Elements installer will copy this file from within the Oracle Client directory, so no manual steps need to be taken upon Elements installation.
 - If Oracle is upgraded *after* an Elements install, then the new ojdbc14.jar file must be copied into the above Elements install directory locations for Elements to work properly.
- Java JDK v1.6.0 or later
 - Available from <http://java.sun.com/j2se/1.5.0/download.jsp>
 - Be sure that this version of Java has priority in the PATH. It is possible that the correct version of the JDK is installed, but the PATH did not get updated. To test this, type “java –version” at a command prompt.
 - If you do not see that the version is the most recent, you can run the Elements installer from Windows Explorer, and the installer will attempt to help you correct your system path. Otherwise you must edit the PATH manually to include the JDK_INSTALL_DIRECTORY\bin directory as the first occurrence of any JDK or JRE reference.
- Adobe SVG Plug-In
 - Only if you intend to view charts within the Portal while logged in on the server.

Begin Installation

To get started:

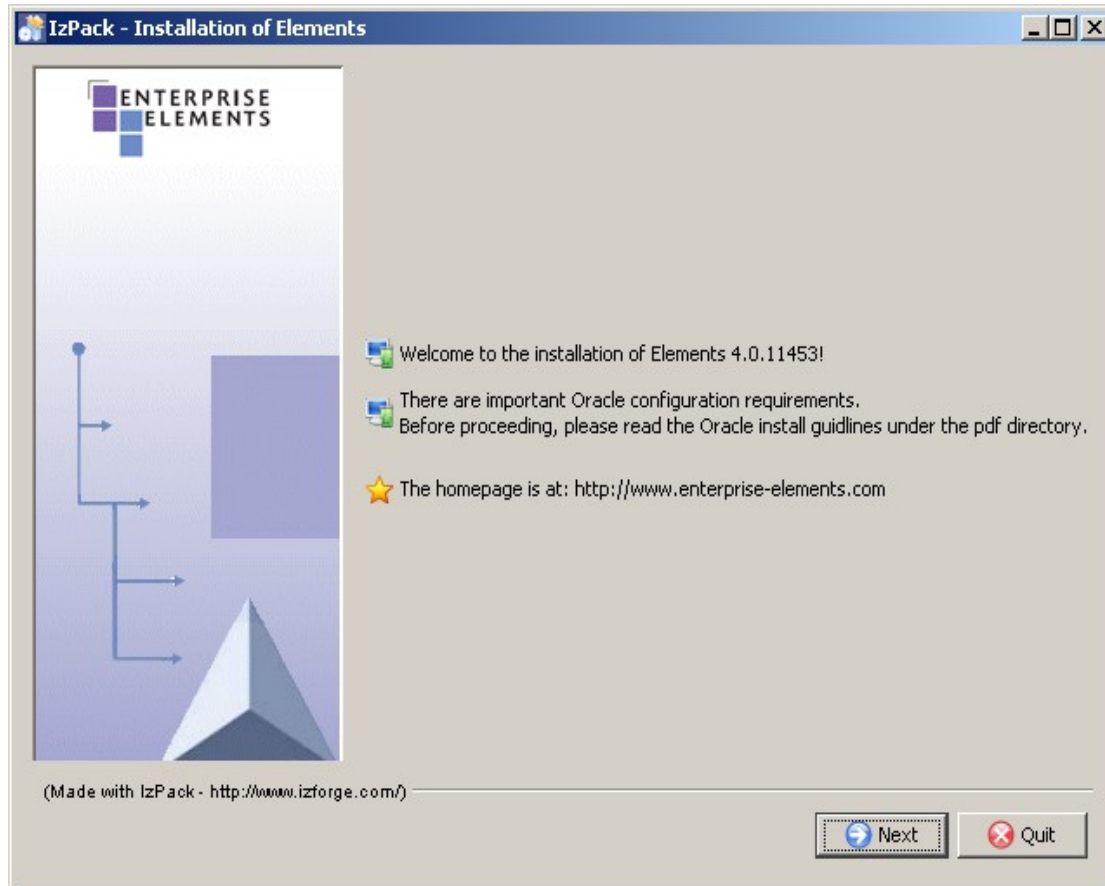
If you are in Windows Explorer you may double click the install.jar file, and the installer will start.

If you are using a command line type: `java -jar install.jar`

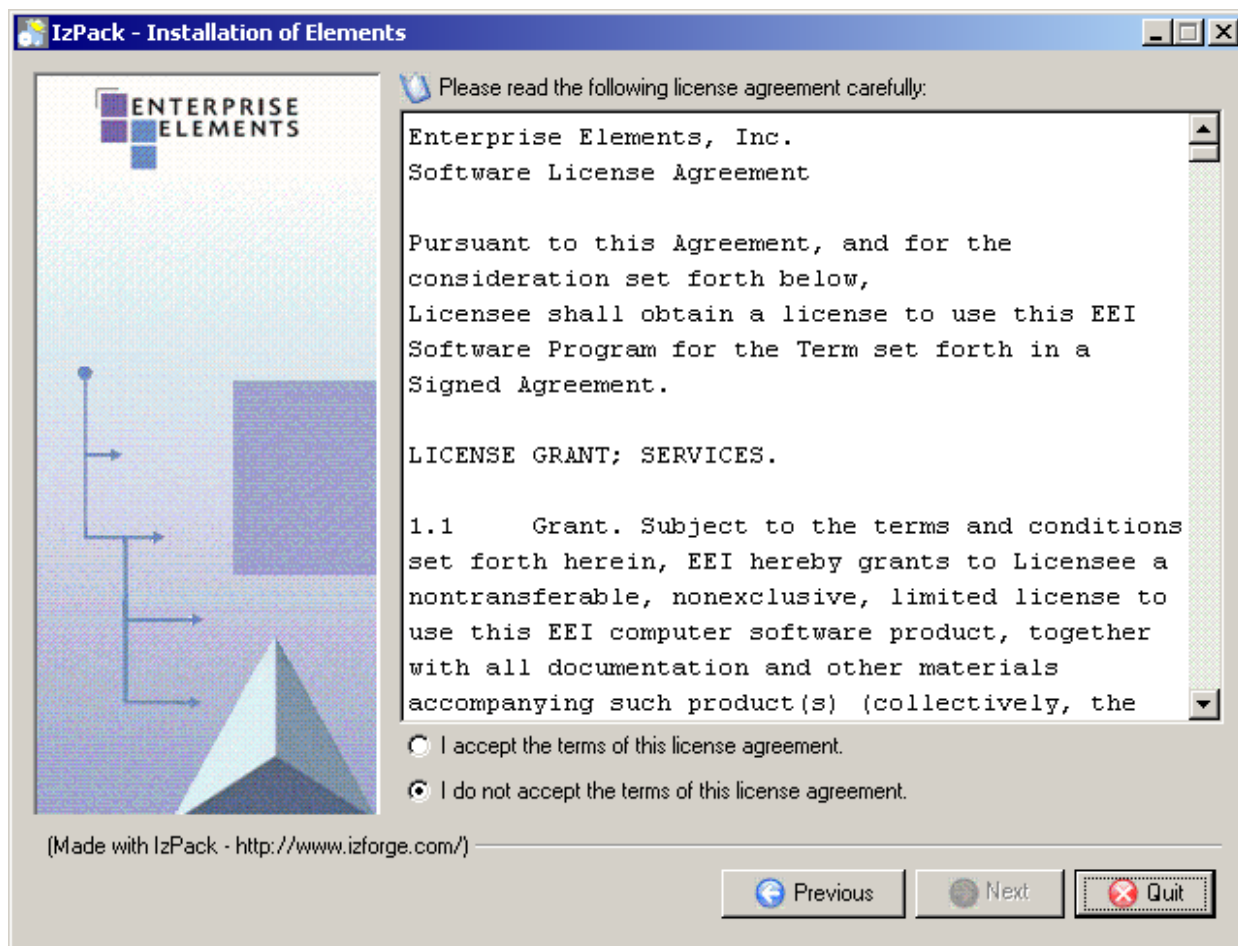
You will see the following splash screen.

If you get errors, and you are working from the command line, then most likely the PATH to the appropriate JDK components is not correct (see the Java JDK section of the installation requirements above).

Click "Next"

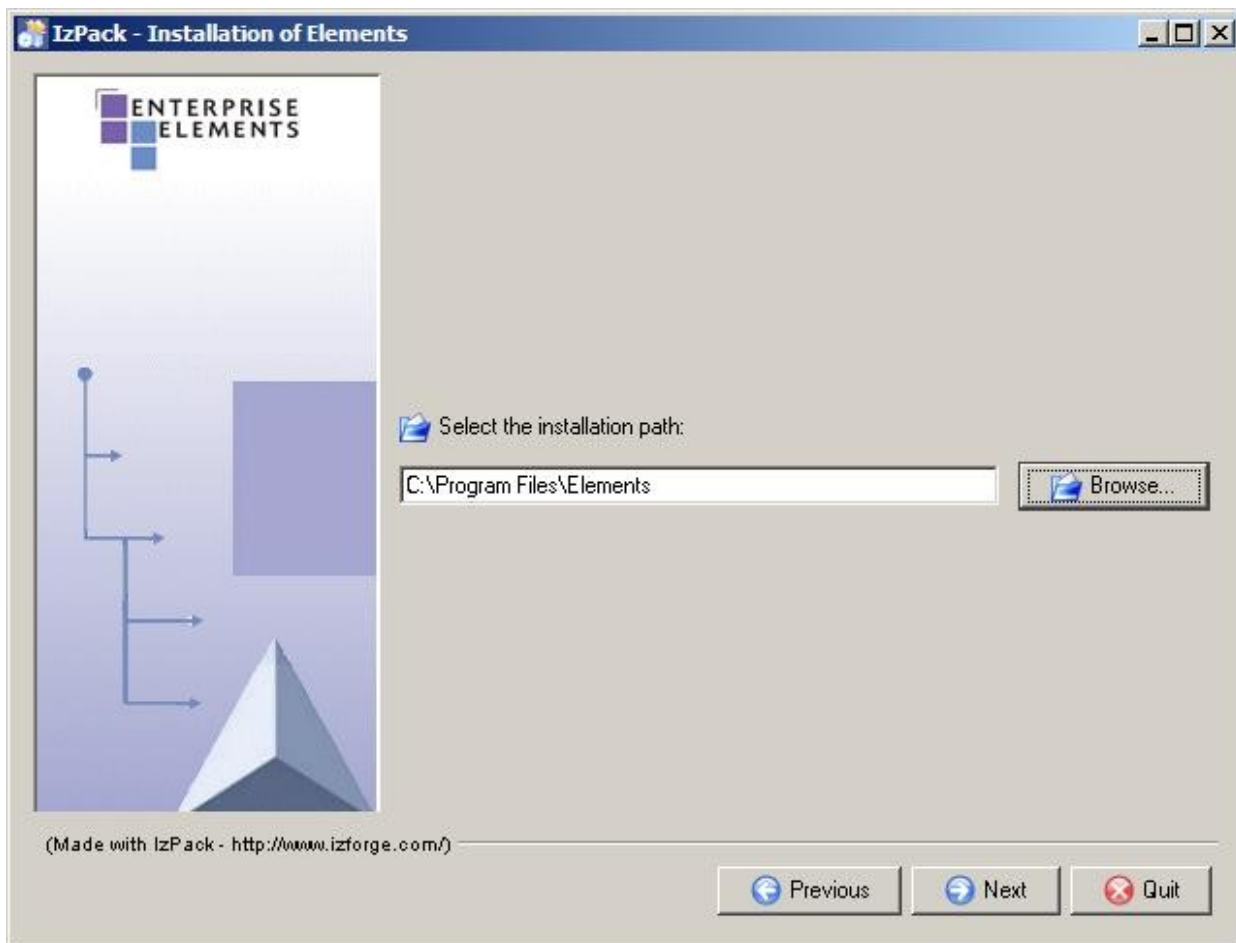


Please read and understand the Enterprise Elements, Inc. Software License Agreement. When you have done so, select the "I accept the terms of the license agreement" and click "Next"

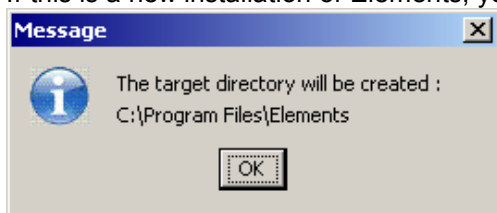


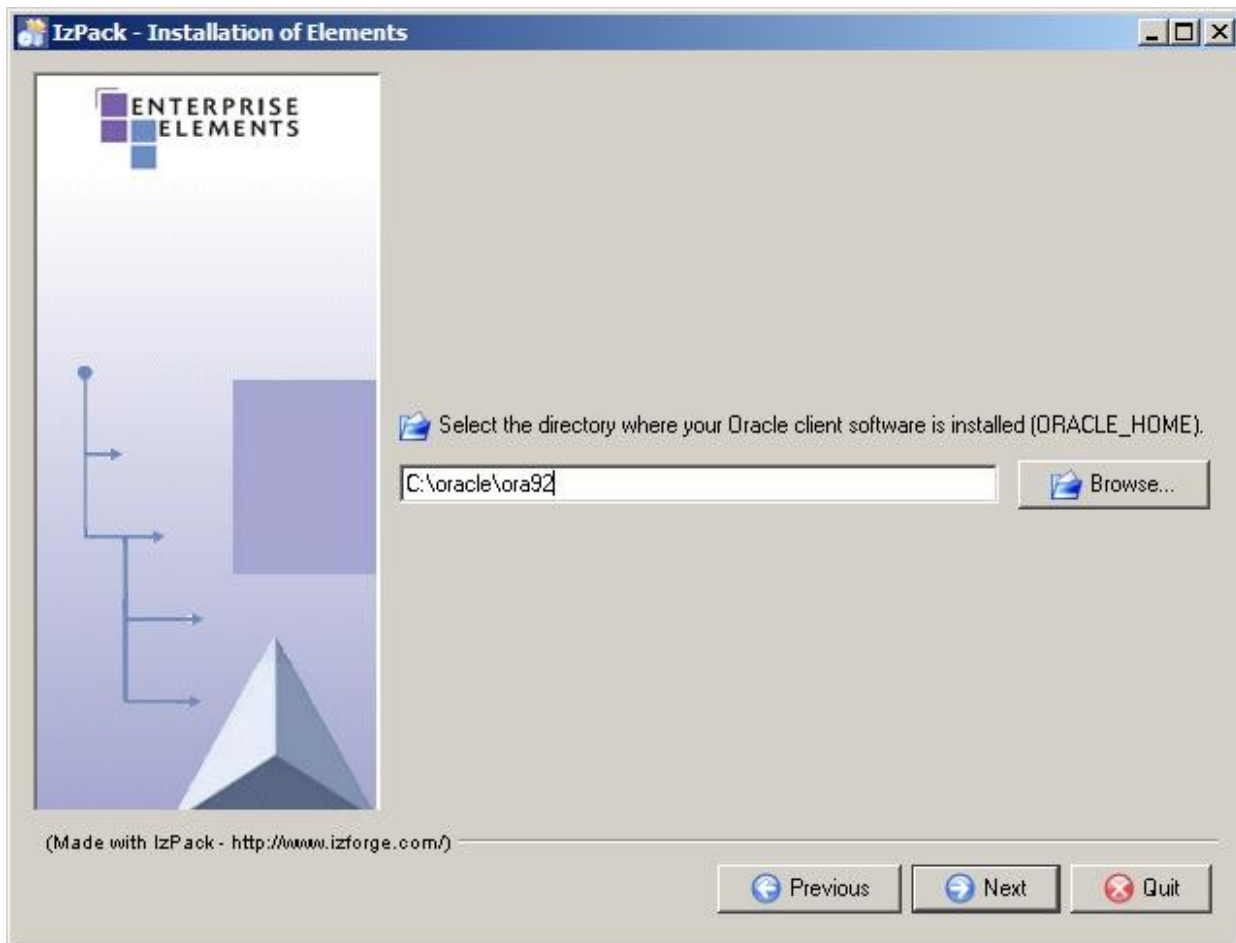
The defaults for the installation path and Oracle Home should be correct, but if you wish to change them you can either enter new values directly, or use the “Browse...” button to navigate the file system and choose a location.

When you are satisfied with the entries, click “Next”



If this is a new installation of Elements, you will be prompted as follows. Click “OK”





At this point if the Java version appearing first in your system path is an older version, you will see the following dialog:

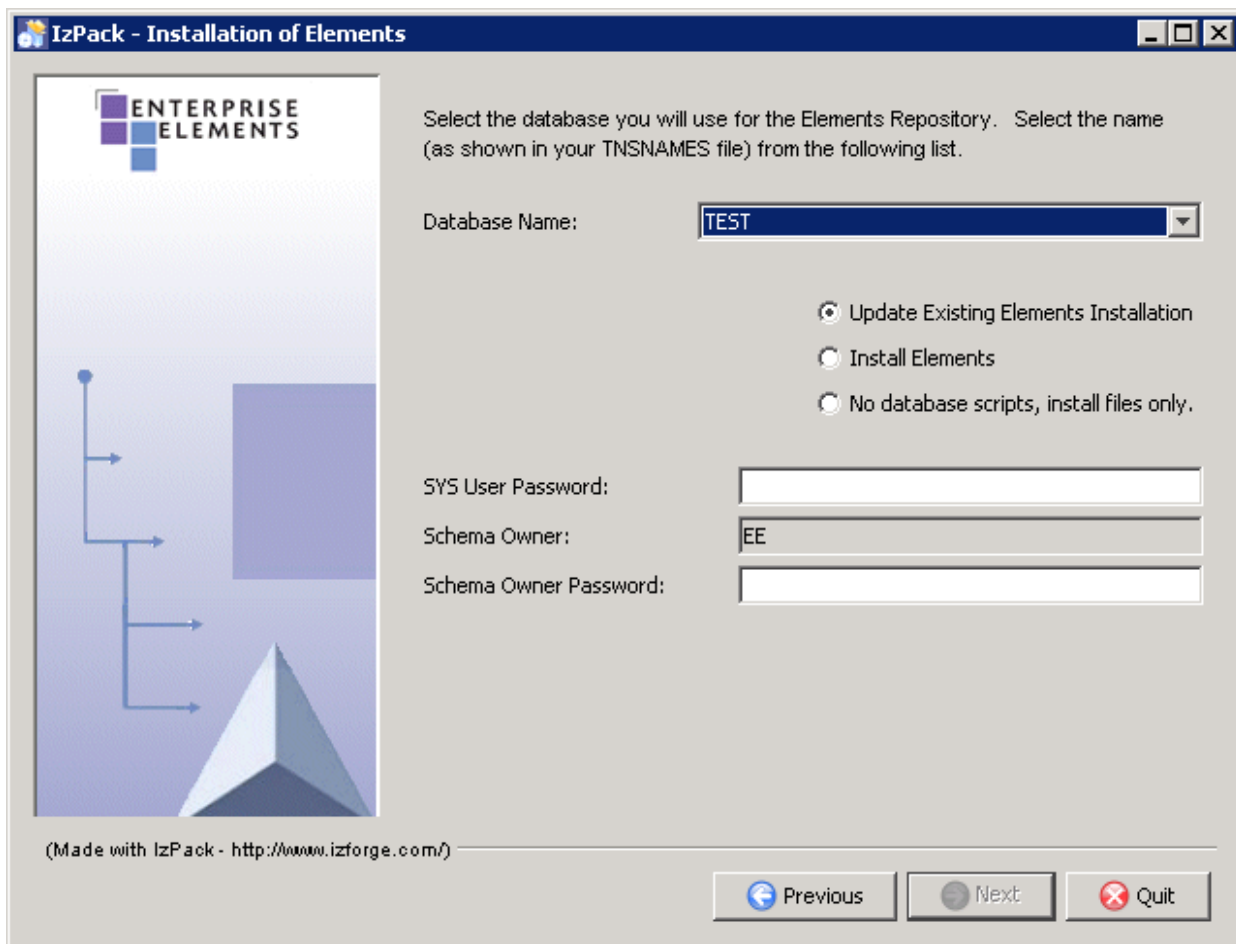


The installer attempts to generate a corrected version of your system path. Click OK to have the installer make the change, or you may type CTRL-C to copy the corrected version to your system clipboard, allowing you to inspect the changes, and/or make them manually.

The database selector panel is shown.

From the drop-down menu, you must choose the SID of the database in which you wish to install the Elements Repository.

If the SID that you expect is not in the list, then your Oracle installation may not have completed properly.



The image shows a window titled "IzPack - Installation of Elements". On the left is a vertical panel with the "ENTERPRISE ELEMENTS" logo at the top and a diagram below it showing a vertical line with three horizontal arrows pointing to the right, leading to a 3D pyramid. The main area of the window contains the following text and controls:

Select the database you will use for the Elements Repository. Select the name (as shown in your TNSNAMES file) from the following list.

Database Name:

☒ Update Existing Elements Installation
☐ Install Elements
☐ No database scripts, install files only.

SYS User Password:

Schema Owner:

Schema Owner Password:

(Made with IzPack - <http://www.izforge.com/>)

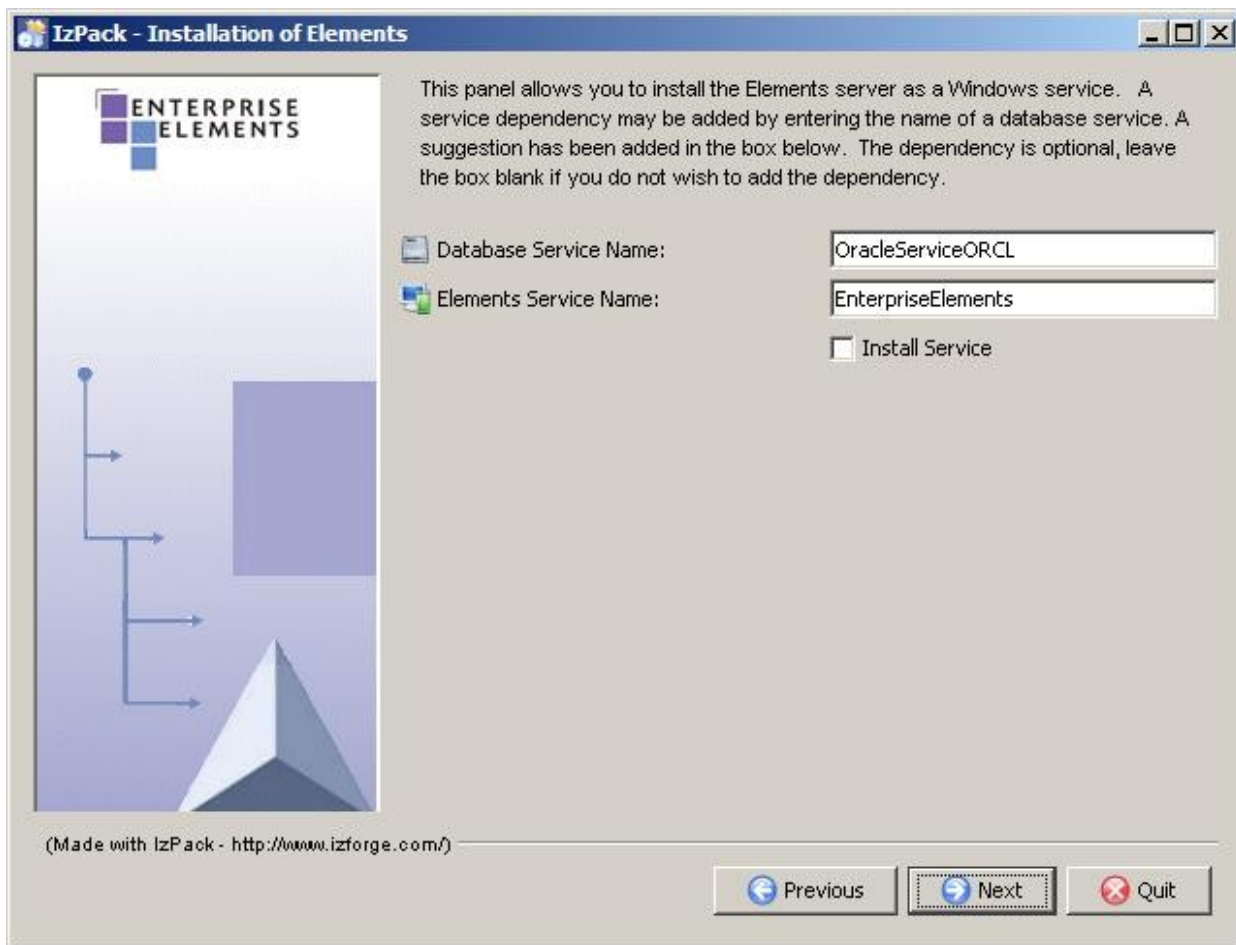
At the bottom right are three buttons: "Previous" (with a left arrow), "Next" (with a right arrow), and "Quit" (with a red X).

Selecting Install Elements will drop and recreate the “EE” schema in your database. This is the correct choice if you do not already have an Elements install in your target database.

To perform an install you will need to supply the SYS user’s password, and the value of the Schema Owner Password.

If you are updating an existing Elements installation (in the database), you need the SYS user’s password, and you should set the Schema Owner Password to an appropriate value.

The elements web server may be installed to run as a Windows service.

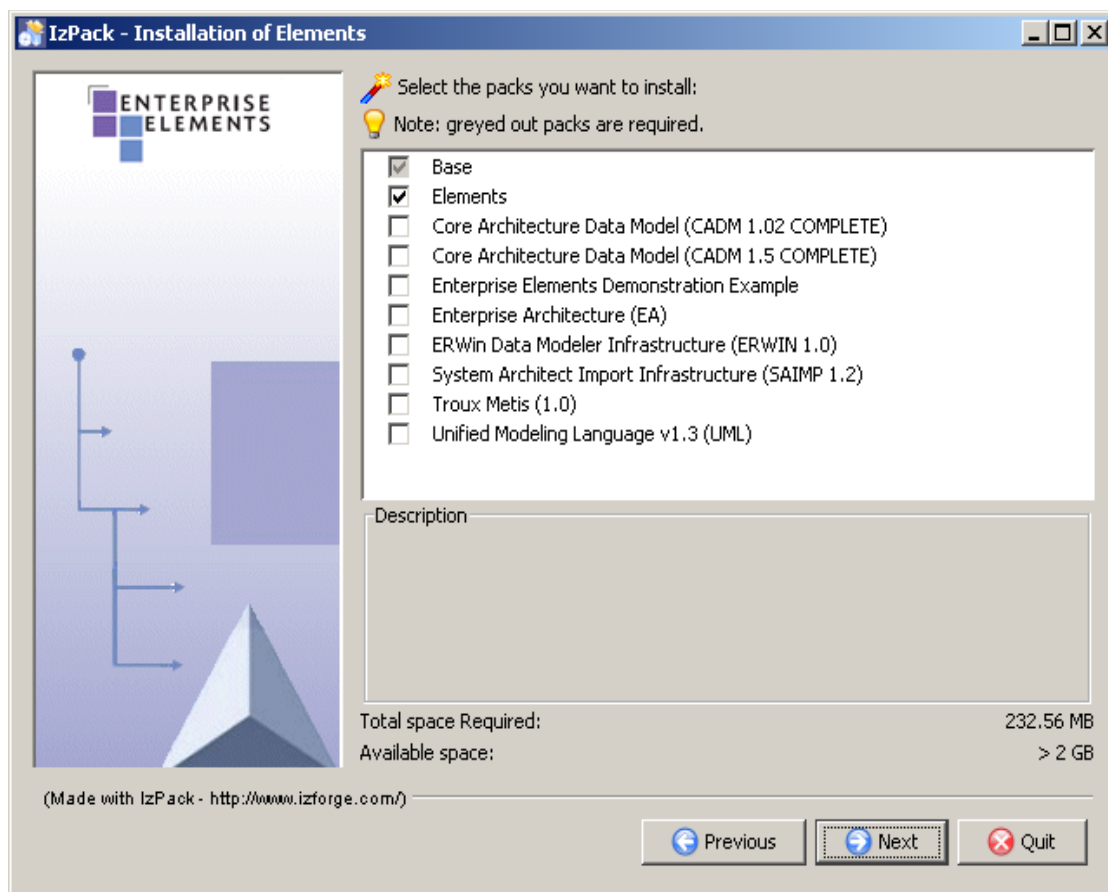


You may keep the default name for the Elements Service Name, or change it.

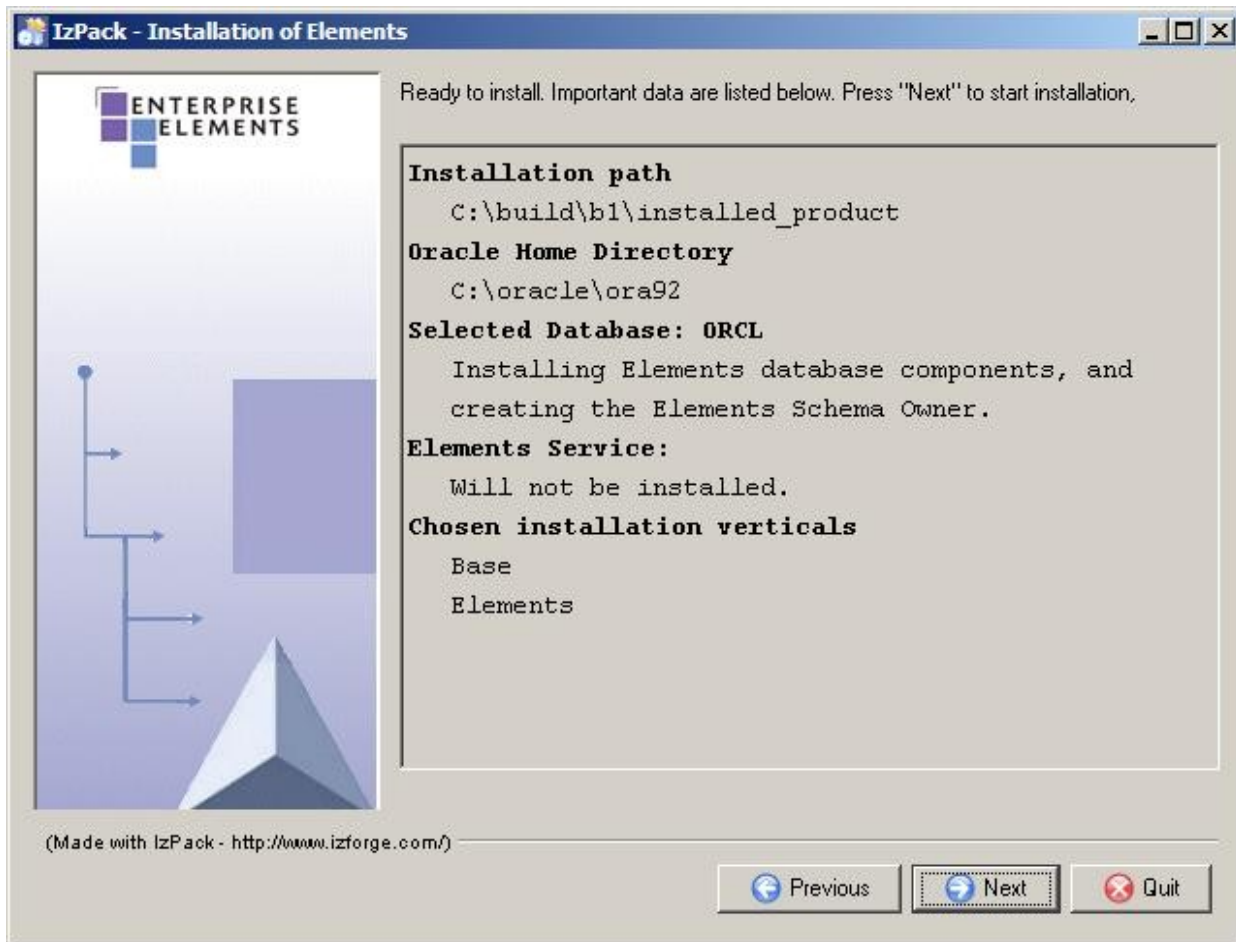
The installer creates a default name for the optional database service based on your selection from the earlier panel. You may need to change this if you have not used the default Oracle naming for your database service. If you do not want a dependency for this service, simply remove the Database Service Name and leave it blank.

Check the Install Service box to install the web server as a service.

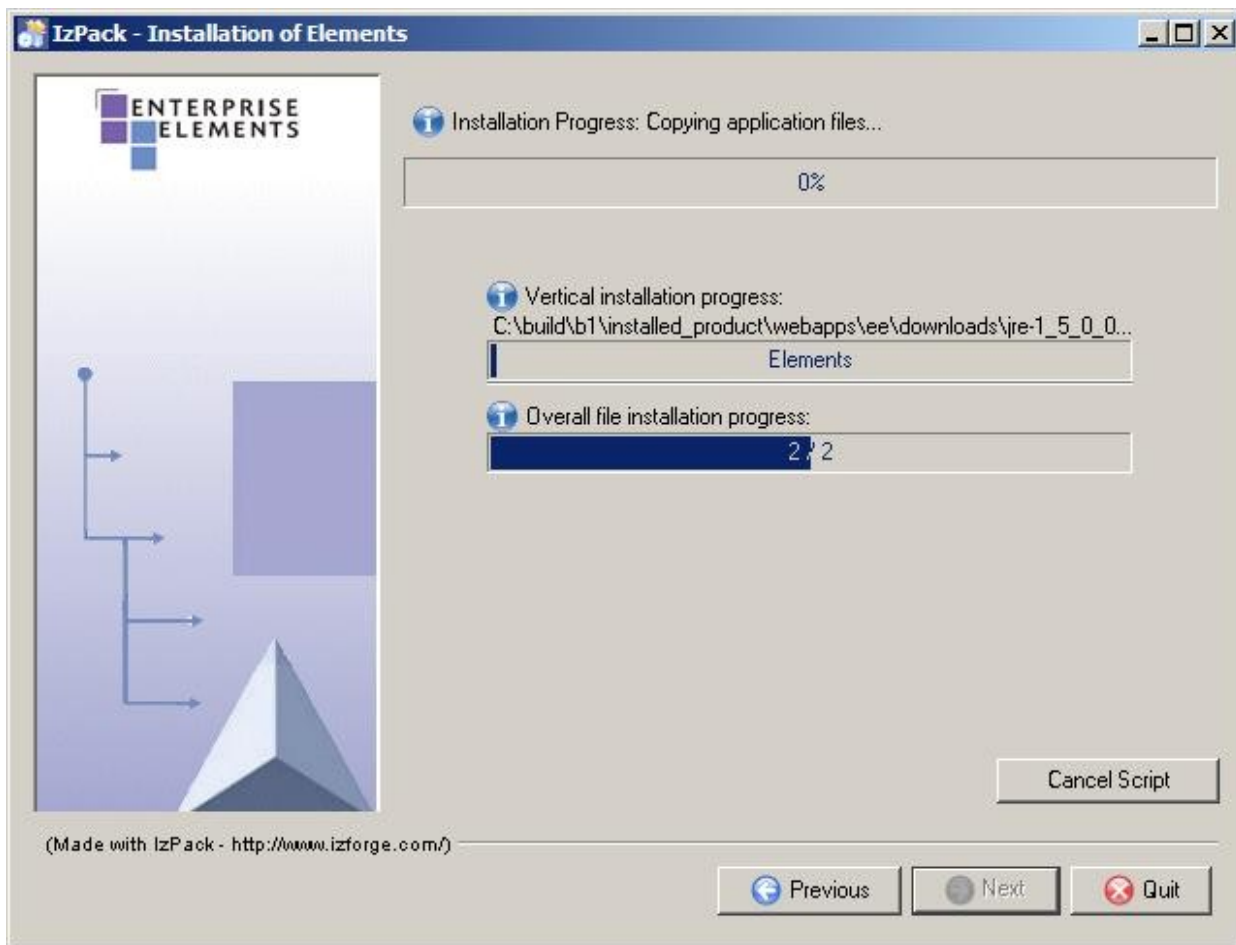
Select the vertical applications you wish to install. Click "Next"



A Summary panel is presented to allow you to review your installation options.
Click Next to begin the installation.



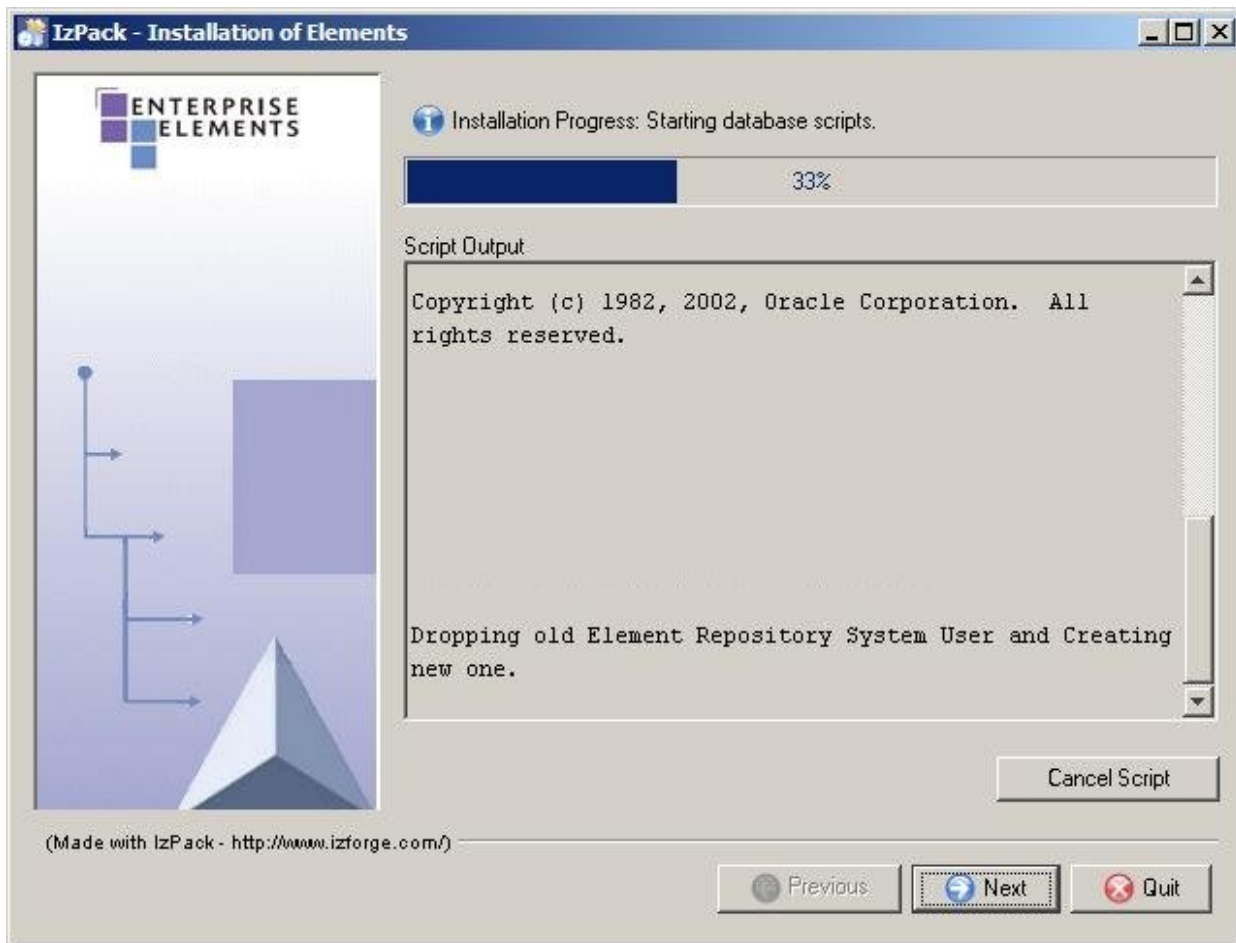
The Elements Repository Web Server code will now be installed.



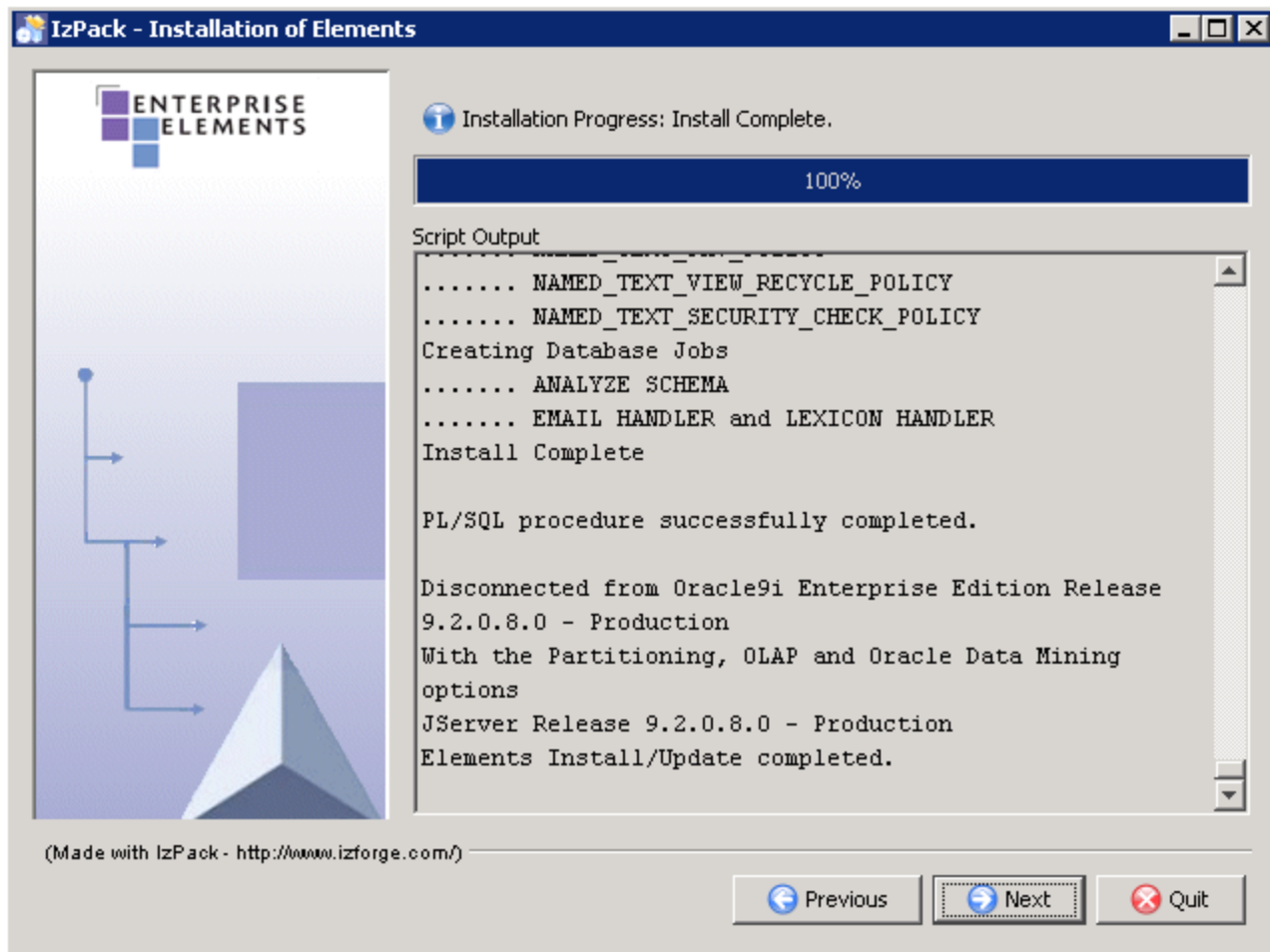
When the file copying is complete the installer will run a script to verify your database. You will see output from the SQL scripts appearing in the “Script Output” as they run.

If you selected to create the Elements Schema Owner you will see a dialog which gives you the default password. You can click “OK” immediately.

After the files are in place, the rest of the installation tasks and database scripts execute.



When these tasks are complete the install is complete.

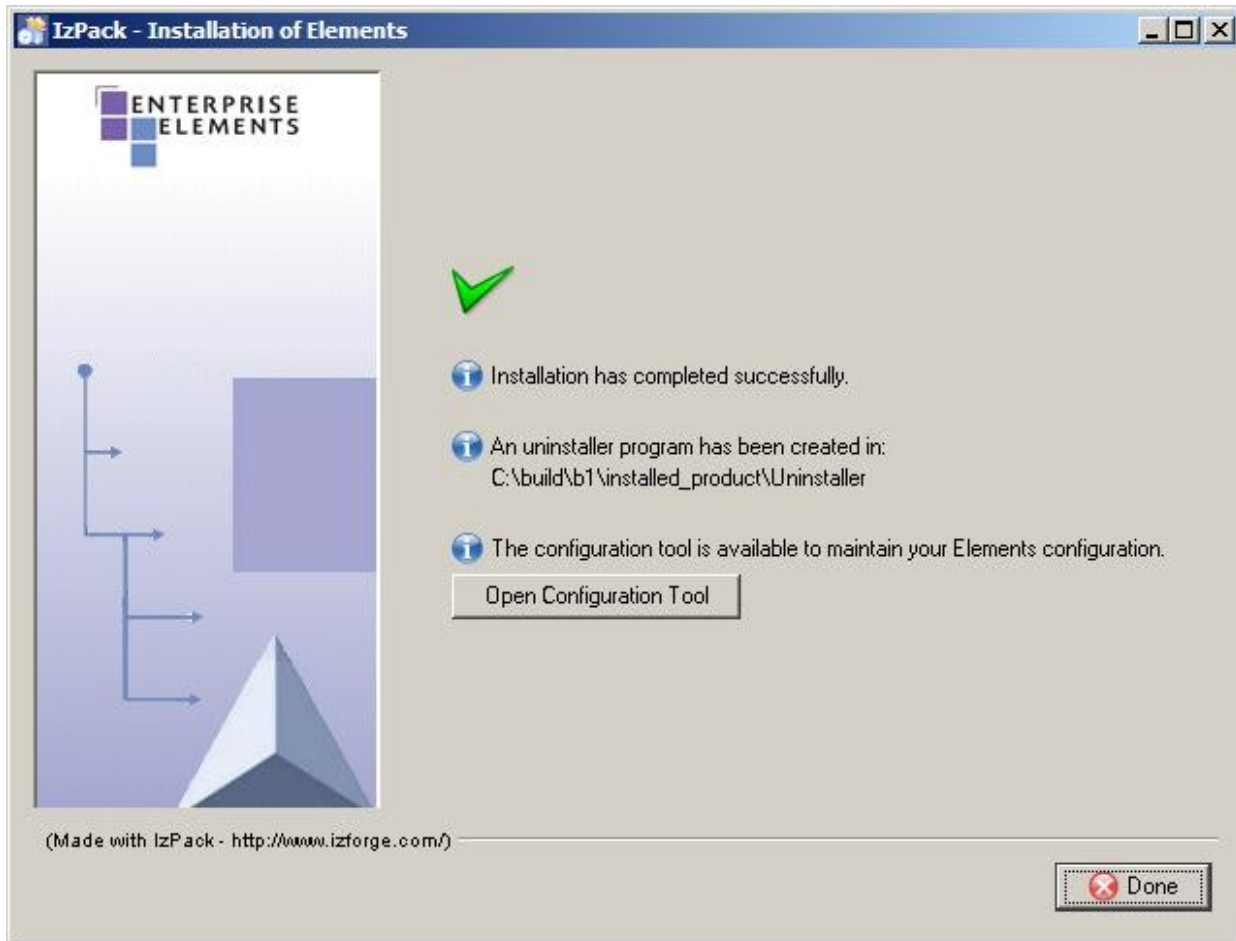


A complete log of the installation is located in the logs directory (e.g. C:\Program Files\Elements\logs) the log will be named "Install-Log" plus the date.

If this text appears, click "Next"

If not, you may attempt to debug the installation by reading the output. If you cannot solve the problem yourself, please contact your Enterprise Elements Account Manager.

The Elements Repository has been installed. Congratulations!



To run the Elements server, you must start the <ElementsServiceName> service, where <ElementsServiceName> is the Service name you selected in the installer. You can do this from the configuration tool, or you can open a command window and type "net start <ElementsServiceName>".

Once the Service is running, you can log in to the Elements Repository using a Web browser. If you have not made changes to the default settings using the configuration tool, the URL will be <http://localhost:8082/ee> (from the server). From other machines, the URL will be http://<server_name_or_IP_address>:8082/ee.

The Elements Repository will operate for up to 10 users for 5 days without the installation of an Enterprise Elements-provided license code.

To request a license code, navigate to <http://localhost:8082/ee/license>.

You will see the following screen:

Email the dbid displayed on this screen to your Enterprise Elements account representative.

In response, you will be sent a license code. This code may be an extended evaluation or a purchased license, depending on the situation.

Click on Request License button (shown after button click below) to display the data needed for a license request.

License Details

Home page

Home Help Sign Out

Applications

Folder Package

- My Elements (EE)
- Administrative Tasks
- Enterprise Elements
- Recycle Bin

dbid	3705472755
maximum.users	10
version	2.0
database.name	TEMPORARY
key	gSrotVPiObY=FqeS+3MUq8P6emHWIXbnsqKPezPaNaC/eosOQela8BU=
expiration.date	06/09/2008
License State	

[Click here to close.](#)

To request a license email the information from the Request License form, to: support@enterprise-elements.com

When you have received a new license file, return to this page, and click the "Install New License" button below.

License Request

dbid 3705472755

[Install a new License](#)

After a license file has been issued to you, return to this page, click Install a new License, and paste the contents of the license file into the text box and click submit.

Alternately you can generate a license request from the configuration tool. First click the Check License Button,

Then the Request License button will become available, clicking it results in the following dialog.



Elements will copy the license request to your clipboard and you can paste it in an email note to your Elements representative.

The Elements Repository will now operate in accordance with the specifications of the license code.